

ABSTRACT

A rotor and a stator are contained in a housing composed of front and rear frames, and a rectifier is mounted on the rear frame and covered with a rear cover having axial and radial openings. A minus heatsink plate having cooling fins extending in the axial direction is disposed to face the radial openings, forming radial air passages, and another air passage is formed between the minus heatsink plate and the rear frame. Cooling air introduced from the radial openings flows through the cooling fins and through the passage between the minus heatsink plate and the rear frame. Thus, efficiency for cooling the rectifier is enhanced.